

Practitioner's Docket No.: 791_024 CON

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Kenshin Kitoh and Hiroshi Nemoto

Serial No.: Continuation of Application Ser. No. 09/169,563, filed October 9, 1998

Filed: October 15, 2001

For: LITHIUM SECONDARY BATTERY

11002 U.S. PTO
09/977435
10/15/01

Box Patent Application
Assistant Commissioner for Patents
Washington, DC 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Assistant Commissioner for Patents, Washington D.C. 20231 on October 15, 2001 under "EXPRESS MAIL" mailing label number EL 91265 6425 US.

Janet M. Stevens

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Except for references AC, AX and AY (copies attached), these references were cited during prosecution of parent application U.S. Ser. No. 09/169,563, filed October 9, 1998, and copies of each of the references can be found in the PTO file for the parent application.

U.S. Patent No. 5,571,632 discloses, in column 11, Example 1, in which an outer tube of aluminum has a thickness of 0.30 mm and a diameter of 50 mm, providing a ratio of t/d of 0.006; and Example 2 discloses an outer tube made of aluminum having a thickness of 0.75 mm and a diameter of 50 mm, providing a ratio of t/d of 0.015.

Reference AX was cited in an Office Action (copy enclosed) mailed July 17, 2001 for a Japanese Application corresponding to the present application. Reference AY was cited in an Office Action (copy enclosed) mailed October 9, 2001 for a Japanese Application corresponding to the present application.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these listed references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,



Kevin C. Brown
Reg. No. 32,402

October 15, 2001

Date

KCB:jms
BURR & BROWN
P.O. Box 7068
Syracuse, NY 13261-7068

Customer No.: 025191
Telephone: (315) 233-8300
Facsimile: (315) 233-8320

Form PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty Docket No. 791_024 CON	Serial No. Continuation of USSN 09/169,563
	Applicant Kenshin Kitoh and Hiroshi Nemoto	
	Filing Date October 15, 2001	Group

11002 U.S. PTO
 09/977435
 10/15/01

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
	AA	5,443,925	8/22/1995	Machida et al.			
	AB	5,660,951	8/1997	Yoshida			
	AC	5,571,632	11/5/1996	Teramoto			

PENDING U.S. APPLICATIONS

		Serial No(s).	Date Filed	Inventor(s)
	AD	09/327,819	6/8/1999	
	AE	29/102,816	4/1/1999	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AF	0 843 369	5/20/1998	Europe			✓	
	AG	5-67457	3/1993	Japan				
	AH	9-73885	3/1997	Japan				
	AI	9-147,814		Japan			✓	
	AJ	9-320,549		Japan			✓	
	AX	8-250084	9/1996	Japan				✓
	AY	8-138633	5/1996	Japan				✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

	AK	"The Technical Report of IEICE CPM 97-63 (1997-08)" (Abstract-English)
	AL	Patent Abstracts of Japan, Vol. 098, No. 004, 31 March 1998 & JP 09 316580 A (Mitsubishi Alum Co Ltd.), 20 May 1998.
	AM	Patent Abstracts of Japan, Vol. 097, No. 010, 31 October 1997 & JP 09 147814 A (Shin Kobe Electric Mach Co Ltd.), 6 June 1997.
	AN	Patent Abstracts of Japan, Vol. 097, No. 007, 31 July 1997 & JP 09 073885 A (Sony Corp), 18 March 1997

Form PTO 1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Atty Docket No. 791_024 CON	Serial No. Continuation of USSN 09/169,563
	Applicant Kenshin Kitoh and Hiroshi Nemoto	
	Filing Date October 15, 2001	Group

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.) (Continued)

AO	Database WPI Section Ch, Week 7931, Derwent Publications Ltd., London, GB; Class A85, AN 79-56832B XP002090597 & JP 54 076929 A (Sanyo Electric Co), 20 June 1979.
AP	Database WPI Section EI, Week 9844, Derwent Publications Ltd., London, GB; Class X16, AN 98-516990 XP002090596 & JP 10 228888 A (Japan StorageBattery Co Ltd.), 25 August 1998.
AQ	Patent Abstracts of Japan, Vol. 098, No. 008, 30 June 1998 & JP 10-064515 A (Shin Kobe Electric Mach Co Ltd.), 6 March 1998.
AR	Patent Abstracts of Japan, Vol. 098, No. 005, 30 April 1998 & JP 10 021889 A (Toyota Central Res & Dev Lab Inc), 23 January 1998.
AS	Patent Abstracts of Japan, Vol. 098, No. 004, 31 March 1998 & JP 09 320549A (Oonishi Norihiro), 12 December 1997.
AT	Patent Abstracts of Japan, Vol. 098, No. 012, 31 October 1998 & JP 10 199493 A (Japan Storage Battery Co Ltd), 31 July 1998.
AU	Patent Abstracts of Japan, Vol. 098, No. 006, 30 April 1998 & JP 10 050272 A (Sanyo Electric Co Ltd.), 20 February 1998.
AV	Patent Abstracts of Japan, Vol. 098, No. 003, 27 February 1998 & JP 09 306443 A (Haibaru: KK), 28 November 1997.
AW	Shackelford, James F., Introduction to Materials Science for Engineers, 3 rd ed. Macmillan Publishing Co., p. 315
Examiner	Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.